

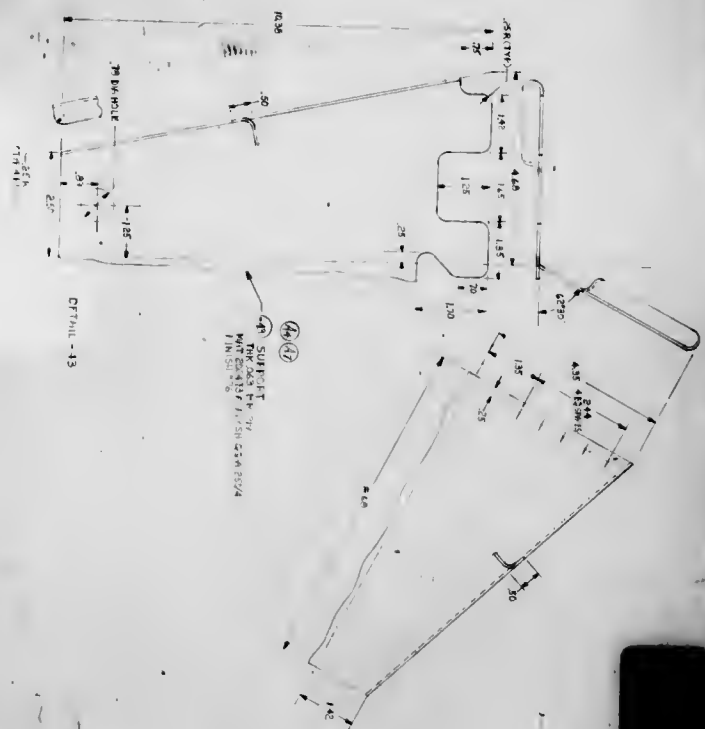
LFM

LDW200-10002

MODEL OF ENG ITEM		NOT ASSY	NAME OF ENG NO	ENGINE NO	MODEL OF ENG ITEM	NOT ASSY	NAME OF ENG NO	ENGINE NO	MODEL OF ENG ITEM	NOT ASSY	NAME OF ENG NO	ENGINE NO
PART NO			SPEC SPEC NO	OF	PART NO			SPEC SPEC NO	PART NO			SPEC SPEC NO
MODEL ENG FUNCTION NO												
4- ENG STATUS FOR DESCRIPTION OF ENG SEE DRAWING					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					CONTRACT NO. 2-100		
SHEET 1 OF 1 (26512)					TOLERANCE UNLESS SPECIFIED					DRAWN BY WINGONE - 6-25-62		
1					FRACTIONS - DECIMALS - ANGLES					LAYOUT BY E. H. HANSEN		
2					1/2 - 1/4 - 1/8 - 1/16 - 1/32 - 1/64					CHECKED BY E. H. HANSEN		
3					U - ONE TIME AUTH					EX. SIGNED J. HANSEN		
4					METAL SPEC REQUIREMENT					GRADE, NO. & QUANTITY		
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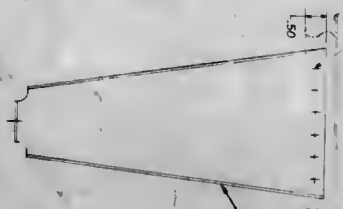


④ ⑤
SUBJECT
THE DOG TO
THE EXISTING
1/2\"/>

DETAIL - 43

DETAIL 'CF'
(TYPE PLACES)

④



LDW200-55329-41 (REF)

④ ⑤
SUBJECT
THE DOG TO
THE EXISTING
1/2\"/>

SEE NOTE 32

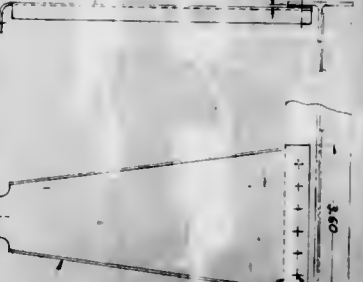


WASH PLATE (S)

④ ⑤
SUBJECT
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THE EXISTING
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DETAIL 'CE'
(2 PLACES)

④



LDW200-55329-41

DETAIL 'AR'
(2 PLACES)

④

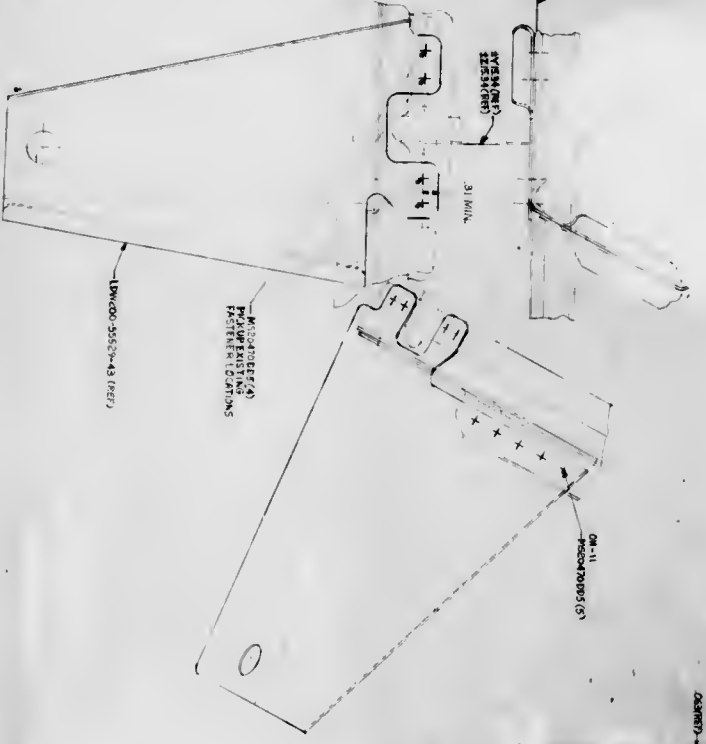


WASH PLATE (S)

LDW200-55329-43 (REF)

DETAIL 'CG'
(TYPE PLACES)

④ ⑤



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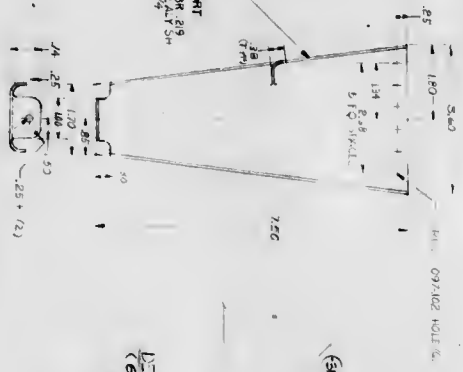
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5-29-41 (REF)

(A) (B) SUPPORT
603 TKN BR 29
2024 T3 ALA TSM
604 T3 ALA TSM
605 T3 ALA TSM



(B) BR 12



DETAIL 'AP'
(6 PLACES)
(A)



DRILL 1/2 X (72-78)

5-29-41 (6)

AL 02-4-2504

5-29-41

GRID-B-76

M20X70 ADW (C)

TAIL 'AR'
(A)

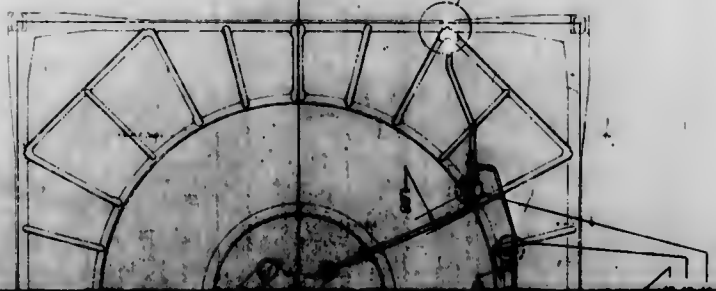
DETAIL 'AN'
(6 PLACES)



M20X70 ADW (C)

SEE DETAIL 'CG'
(FOR E1 A)

-2



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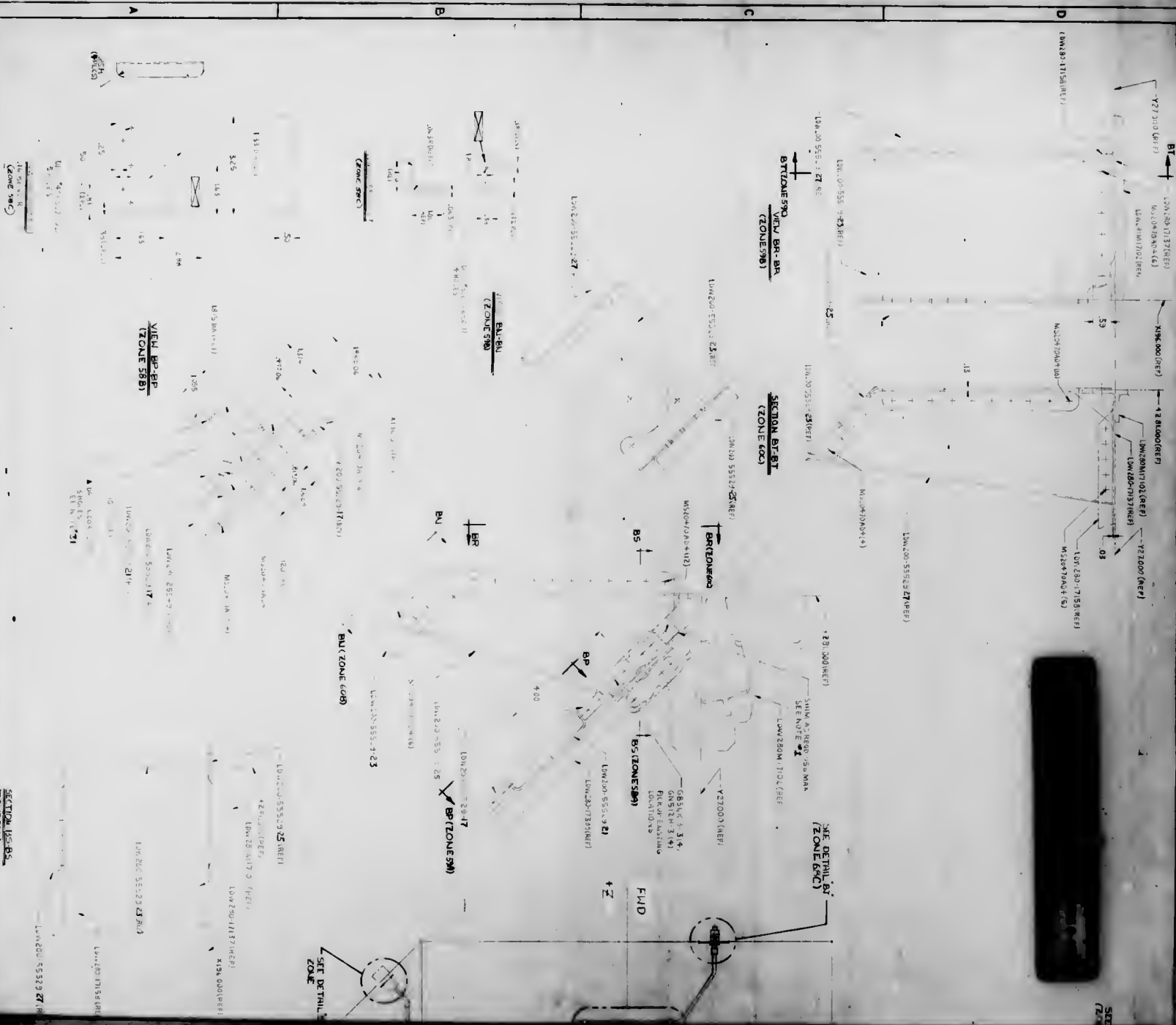
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55529 1

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SEE DETAIL B1
(ZONE 67C)

DETAIL B1
(ZONE 57D) (A)

DRILLING (1/8" DIA.) (A)

2.50

SEE DETAIL B1
(ZONE 57D)

SEE DETAIL B1
(ZONE 69C)

SEE DETAIL B1
(ZONE 66 A)

FWD

VIEW LOOKING DOWN

SEE DETAIL B1
(ZONE 67C)

VIEW/CH Q1
(ZONE 57B) (A)

SEE DETAIL B1
(ZONE 64 F)

SEE DETAIL B1
(ZONE 62 B)

SEE DETAIL B1
(ZONE 67A)

SEE DETAIL B1
(ZONE 62 A)

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SEE DETAIL "BW"
(ZONE 57D)

2.50

31

SEE DETAIL "BU"
(ZONE 66D)

-Z-

SEE DETAIL "AV"
(ZONE 67A)

SEE DETAIL "BU"
(ZONE 65 A)

SEE DETAIL "A"
(ZONE 65 A)

SEE DETAIL "A"
(ZONE 65 B)

31

SEE DETAIL "BU"
(ZONE 62 A)

SEE DETAIL "BC"
(ZONE 71 A)

VIEW LOOKING DOWN
LDW 200-55529-9 INSTL

SEE DETAIL "BD" (ZONE 62 A)

55

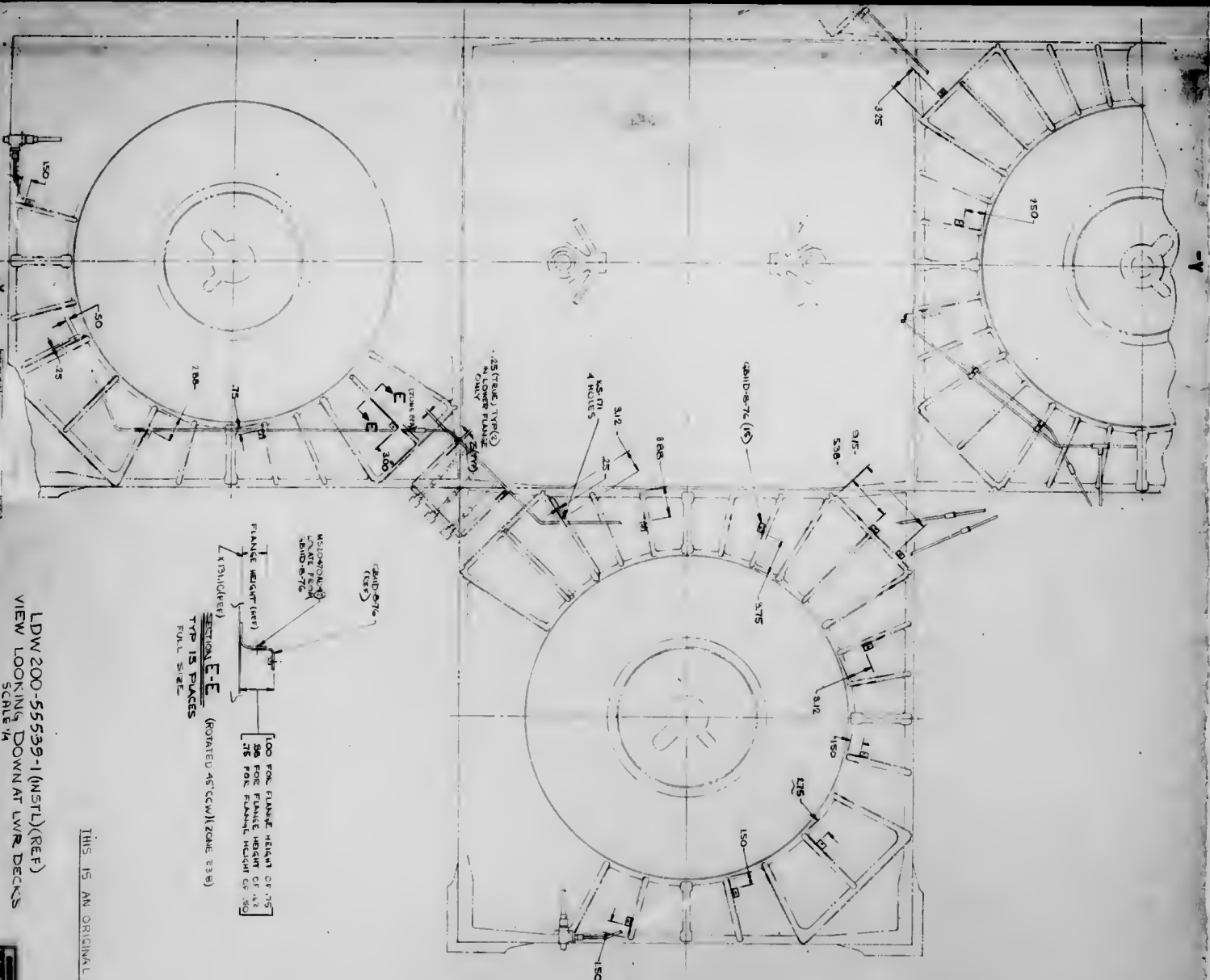
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LDW 200-55529 A

LDW 200-55529 A



LDW 200-55539-1 (INSTL) (REF)
VIEW LOOKING DOWN AT LWR DECK
SCALE 1/4"

THIS IS AN ORIGINAL DRAWING

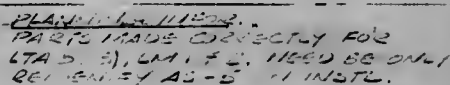


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LDW 200-55539

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Rev CONT* LAI-5-12012

FORM 104 (Rev. 10-6-65)		IN 10 (Rev. 10-6-65)		IN 2 (Rev. 10-6-65)		IN 3 (Rev. 10-6-65)		IN 4 (Rev. 10-6-65)		IN 5 (Rev. 10-6-65)		IN 6 (Rev. 10-6-65)		IN 7 (Rev. 10-6-65)		IN 8 (Rev. 10-6-65)		IN 9 (Rev. 10-6-65)		IN 10 (Rev. 10-6-65)	
REVISIONS TO BE CORRECTED ON INSTL										IN 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860,											

390

REVISIONS FOR CONTINUATION OF RECORDING SEE SHEET														
CHANGE LTR ITEM NO	REV	DATE	BY	CHK	DET. SPEC	CLASS I	CLASS II	DESCRIPTION	REASON	REASON OF ENGINE PARTS		CHANGED BY AND DATE	ENGINE APPD	OFT APPD
										REASON	REASON			
1	300							ADDED E 3 TO RECORD BLOCK	NOTED	NOT	RECD			
2	251, 352, 354, 400	7/2	LFM 31					ADDED SH 119 ADDED NOTES 251 & 34 IN THE FID 481M TO-1 INSTL ADDED LED 250-35 IN THE FID ADDED DETAIL A ADDED SH 3 34	LM-1	/				
3	200, 351, 352, 400	7/2	LFM 31					IN NOTES TO NOTES 13, 16, 18, 22, 23, 24, 425 RESTRICTED TO LM-1 ADDED NOTES 35, 36, 437 DELETED NOTE 27 IN THE FID 481M ON-5 INSTL DELETED GS13AL-115 REPLACED WITH GS13AK-115-100	LM-2	/				
4	201, 400	7/2	LFM 31					IN THE FID 481M FROM-7 ASSY DELETE LSC 270-00500- 10-2 REPLACE WITH LSC 270-00500-10-3	LM-2		/			
5	201, 304, 400	7/2	LFM 31					IN THE FID 481M TO-7 ADDED LDW 360M10003-1 4 TO THE NOTES ADDED NOTE 36	LM-2	/				
6	201, 305, 400	7/2	LFM 31					IN THE FID 481M TO-5 INSTL ADDED LSC 270-00723-02, GB511J-3-2(4) LSC 270-00723-12(2) MS20995C 20 N/A ADDED NOTES 39 & 40 ADDED SH 305 & 500	LM-2	/				
7	201, 400	7/2	LFM 31					IN THE FID 481M ON THE-5 INSTL DELETE LDW 270- 52204-3 REPLACE WITH LDW 270-52204-5	LM-2		/			
8	201, 351, 400	7/2	LFM 31					REF ED EG FOR-5 TO FID ADDED WIRE ROUTING AND SUPPORT FOR LSC 360-024 TRANSDUCERS (QTY 5) (LSC 270-00723-12(QTY 2) TO FID 481M ADDED GB511J- 08-4, GB511J-08-18-3 REQD, GS500AA-4 REQD AN 960PBL-4 REQD, MS21042108-4 REQD NAS43DD3-48-4 REQD, DELETED NOTE 39 FID 481M-5 GB511J-08-2(4) MS GB511J-08-5(4)	LM-2	/				
9	201, 400	7/2	LFM 31					RESTRICT NOTE 30 TO LM-1 ONLY & ADDED NOTE 41	LM-2	/				
10	305, 351	7/2	LFM 31					REF ED E2 DETAIL A NOT REQD ADDED NOTE 42	LM-1	/				
11	305, 400	7/2	LFM 31					REF ED EG ADDED DETAIL H	LM-2	/				

REV	CHG	DATE	BY	CHK	STRUCT	WEIGHTS	RELIABILITY	PROP
1								
2								
3								
4								
5								
6								
7								
8								
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18								
19								
20								

GENERAL AIRCRAFT ENGINE CORP., BETHPAGE, L. I., NEW YORK			
SIZE	CODE	ENGINE NO.	
B	26512	LDW270-51010	E
SCALE	NAME	SHEET 119	

01

NAS 9-1100

+X 233.50 (REF)

LDW280-28434 (REF)

+Y 17.06 (REF) FOR -1
+Y 17.06 (REF) FOR -2

+Y 5.509 (REF) FOR -1
+Y 5.509 (REF) FOR -2

+X 253.530 (REF)

+X 246.219 (REF)

MS2104216
AN960D616L
SEE NOTE 1

SAFETY WIRE PER MS33540 WITH
MS20098C82 SAFETY WIRE

VIEW "B-B" ROTATED 344° COUNTERCLOCKWISE

LSC270-711-1

MS2104216
AN960D616L
SEE NOTE 1

LDW280-28434 (REF)

+X 246.219 (REF)

+Y 20.50 (REF) FOR -1
+Y 20.50 (REF) FOR -2

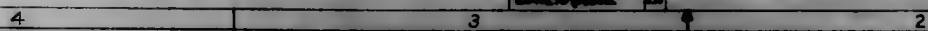
LDW270-51202-1 HELIUM TANK INSTL (SHOWN)
LDW270-51202-2 HELIUM TANK INSTL (OPPOSITE)

VIEW "A-A"

END 8-0000

DE IDE 26" x
LDW270-51202

4 3 2



VIEW "A"-A"

LD-270-1002-1 HELIUM TANK INST'L (SHOWN)
LD-270-1002-2 HELIUM TANK INST'L (OPPOSITE)

		UNION AIRCRAFT GROUP CORP., BETHPAGE, L. I., NEW YORK	
	DATE	QUANTITY	
	J	26512	LDW270-51202
RM			
RECEIVED ON APR 1950	SCALE	2	COST \$100

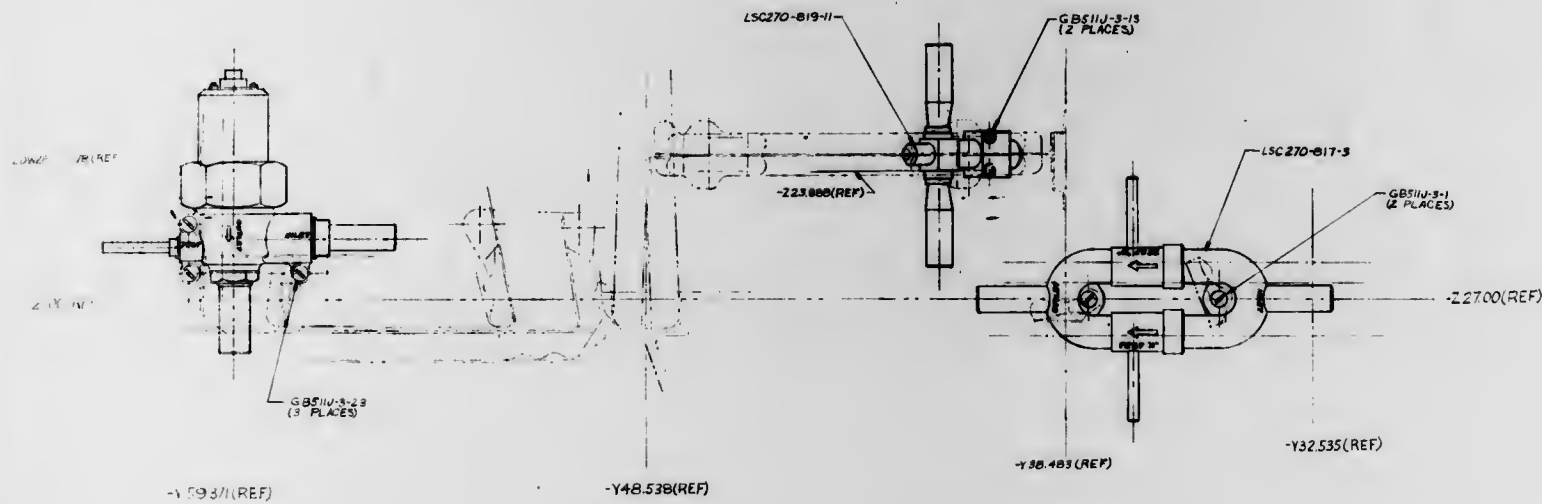
~~THIS IS AN ORIGINAL DRAWING~~

8

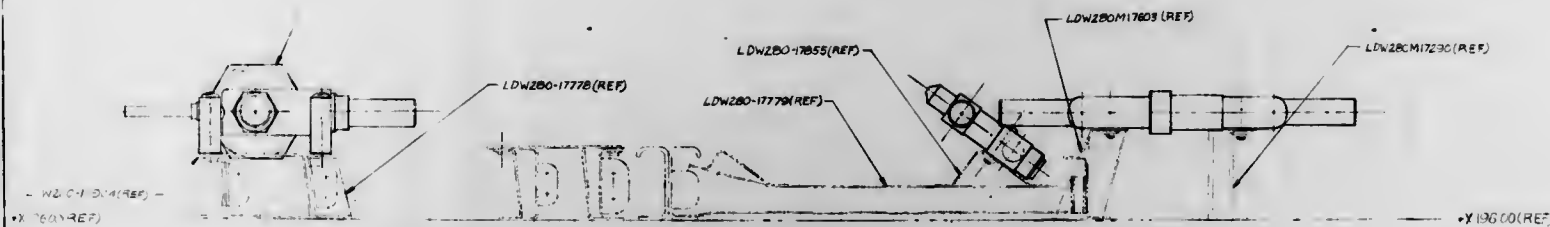
7

6

5



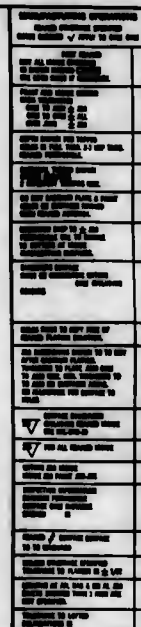
—LSC270-818-5 (A)

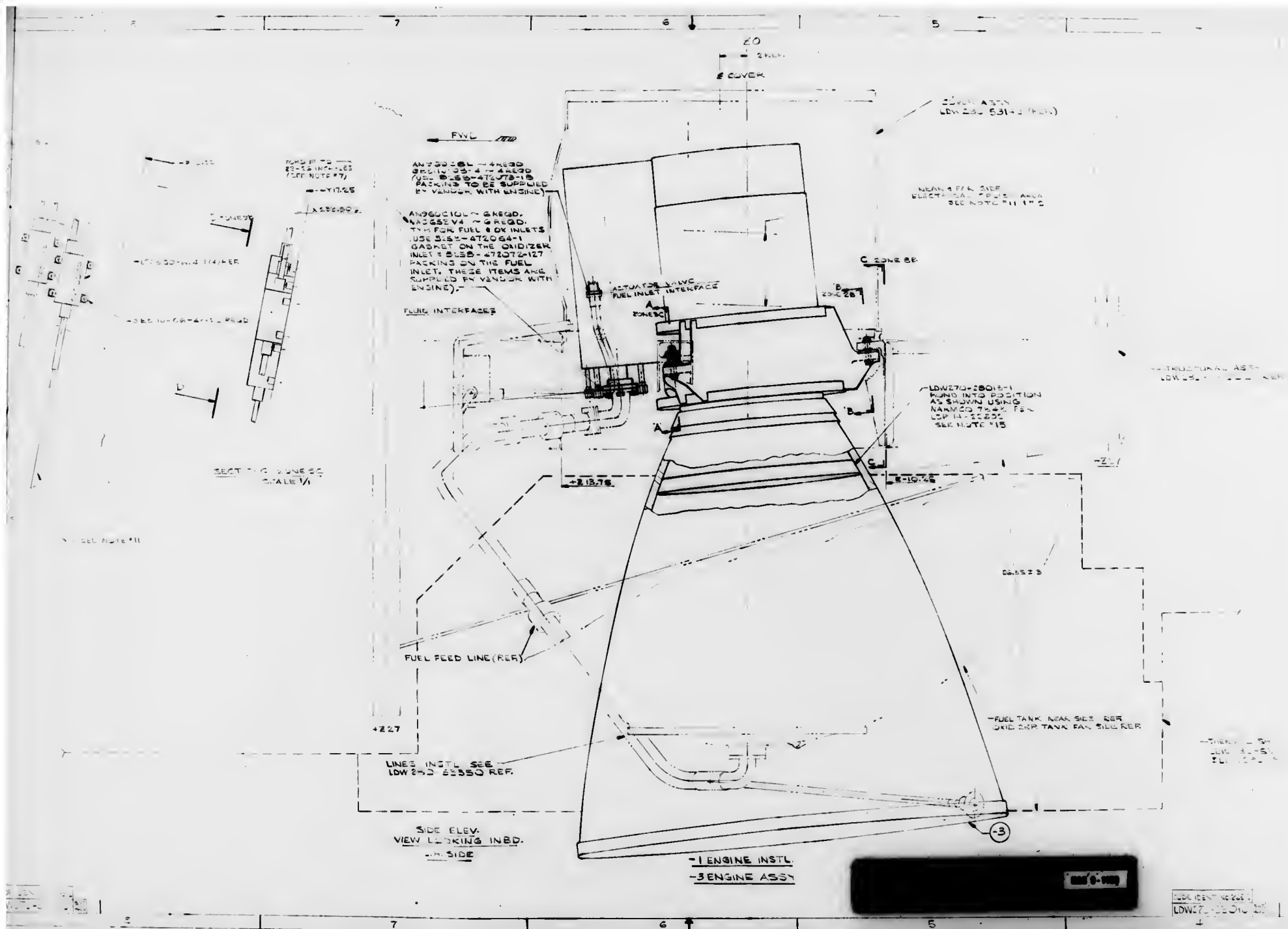


CODE IDENT 265/2
LDW270- 304

CONTROL DRAWING LSC270-B.7, LSC270-B.8 & LSC270-B.9
BEFORE ORDERING

2. EXPLOSIVE VALVE INITIATOR PORTS TO REMAIN
PLUGGED UNTIL INSTALLATION OF INITIATORS

[illegible]



COVER ASSY
LDW230-53142 (REF)

NEW 4 PIN SIDE
5.1" x 1.1" CAN SPWIZ AREA
SEE NOTE #11 1/12

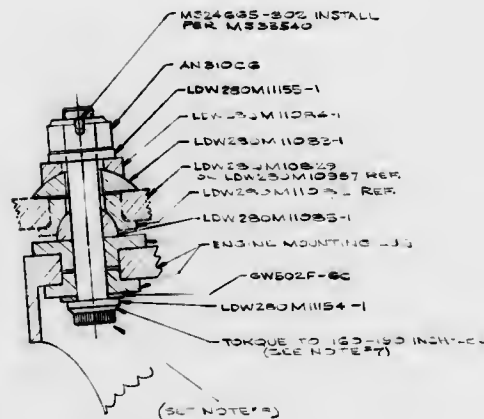
STRUCTURAL ASSY
LDW230-53002 (REF)

LDW270-13015-1
PUSH INTO POSITION
AS SHOWN USING
BARWIG T845 PER
LDW14-53202
SEE NOTE #15

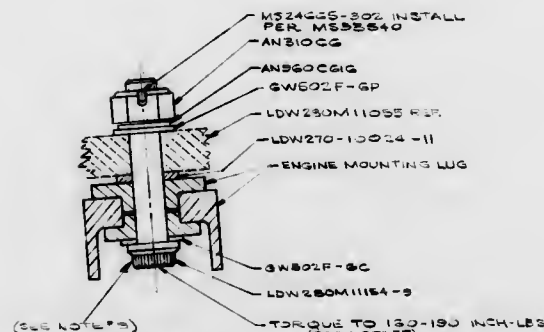
-Z67

FUEL TANK NEAR SIDE REF
JPL ZEP TANK FAR SIDE REF

THERMAL SHIELD
LDW230-53150
& LDW230-53152 (REF)



SECT. A-A (TYP 2PLCS)
SCALE 2/1 ZONE GC



SECT. B-B
SCALE 2/1 ZONE SC

CONSTRUCTION SPECIFICATIONS	
1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	
2. ALL DIMENSIONS ARE TO BE TAKEN FROM THE EXTERIOR SURFACE UNLESS OTHERWISE SPECIFIED.	
3. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE UNLESS OTHERWISE SPECIFIED.	
4. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
5. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
6. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
7. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
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17. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
18. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
19. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	
20. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SURFACE UNLESS OTHERWISE SPECIFIED.	

GRUMMAN AIRCRAFT ENGINEERING CORP.

CODE IDENT NO. 26512

ENGINEERING ORDER

DWG NO. LDW280-17057	EO NO. 13
CONTROL INFO NO. LDW280-17057	

ON-11 ADD DESIGN VERIFICATION TEST(1) EFF. N/A LDW280-22520 (3REQ/MOD)
LDW280-22521 (3REQ/MOD), LDW280-22523 (3REQ/MOD)

ON-13 ADD DESIGN VERIFICATION TEST(1) EFF. N/A LDW280-22520 (3REQ/MOD),
LDW280-22521 (1REQ/MOD)

ON-15-17 ADD D.V.T (70) EFF. N/A LDW280-22522 (2REQ/MOD)

DETAIL SPEC REQ		CL II ENGRG CHG		CL I ENGRG CHG		LCD-1/52										2							
REASON FOR EO						DESCRIPTION OF EO										SAC							
ADD DESIGN VERIFICATION TEST REQUIREMENTS LCD 1452						ADDED DESIGN VERIFICATION TEST EFF. ON-11, 13, 15-17										EO RELEASE							
																V-117							
MODEL		EFFECTIVITY		DRAWING CHANGE REGD		DISPOSITION OF PARTS		APPROVED BY		DATE		SUPPORT		RELIAN GROUP		STRESS GROUP		LIAISON ENGRG		PROJ ENGRG		EO NO.	
LM		VERIFICATION TEST		REVISE DWG		RECORD EO		NETWORK		SCRAP		5		VDI		5		5		5		5	
				C		STRAP D/S		DRAWING TITLE		SAC R. CAP L...		DRAWING NO		LDW280-17057								B1	

ISSUED BY R. CLARK / J. STINESS SECTION VDI GROUP NO. 535 PL 25

064